## Dr. Duke's Phytochemical and Ethnobotanical Databases Chemicals found in Artemisia pallens

| <b>Activities Count</b> | Chemical                                 | Plant Part    | Low PPM | High PPM | StdDev              | Refernce Citation |
|-------------------------|--|---------------|---------|----------|---------------------|-------------------|
| 31                      | CARYOPHYLLENE                            | Plant         |         |          |                     |                   |
| 24                      | ETHANOL                                  | Plant         |         |          |                     |                   |
| 23                      | TERPINEN-4-OL                            | Plant         |         |          |                     |                   |
| 13                      | BETA-EUDESMOL                            | Plant         | 26.0    | 116.0    | 0.8495019754356027  |                   |
| 4                       | CADINENE                                 | Plant         |         |          |                     |                   |
| 3                       | AROMADENDRENE                            | Plant         | 3.0     | 13.0     | -0.5977162609656361 |                   |
| 1                       | FENCHYL-ALCOHOL                          | Plant         |         |          |                     |                   |
| 1                       | CINNAMYL-CINNAMATE                       | Plant         |         |          |                     |                   |
| 0                       | BETA-MAALIENE                            | Plant         | 3.0     | 12.0     | -1.0                |                   |
| 0                       | LILAC-ALCOHOL                            | Plant         |         |          |                     |                   |
| 0                       | 2,5-DIVINYL-2-METHYL-<br>TETRAHYDROFURAN | Plant         |         |          |                     |                   |
| 0                       | DAVANAFURANS                             | Plant         | 10.0    | 46.0     |                     |                   |
| 0                       | LEDENE                                   | Plant         |         |          |                     |                   |
| 0                       | DAVANA-ETHER                             | Plant         |         |          |                     |                   |
| 0                       | TRANS-LINALOL-OXIDE                      | Plant         |         |          |                     |                   |
| 0                       | BETA-CUBEBENE                            | Plant         | 3.0     | 12.0     | 0.06289309204101236 |                   |
| 0                       | LAVENDER-LACTONE                         | Plant         | 39.0    | 174.0    |                     |                   |
| 0                       | DAVANA-ACID                              | Plant         |         |          |                     |                   |
| 0                       | TRANS-(THREO)-<br>DAVANAFURAN            | Plant         | 1.0     | 6.0      |                     |                   |
| 0                       | ARTEMONE                                 | Plant         |         |          |                     |                   |
| 0                       | ISODAVANONE                              | Plant         |         |          |                     |                   |
| 0                       | CIS-LINALOL-OXIDE                        | Plant         |         |          |                     |                   |
| 0                       | TRANS-(ERYTHRO)-<br>DAVANAFURAN          | Plant         | 1.0     | 2.0      |                     |                   |
| 0                       | HYDROCARBONS                             | Essential Oil |         |          |                     |                   |
| 0                       | CIS-(THREO)-<br>DAVANAFURAN              | Plant         | 8.0     | 35.0     |                     |                   |
| 0                       | ALPHA-GURJUNENE                          | Plant         |         |          |                     |                   |

| Activities Count | Chemical  | Plant Part    | Low PPM | High PPM | StdDev                 | Refernce Citation |
|------------------|---|---------------|---------|----------|------------------------|-------------------|
| 0                | CIS-(ERYTHRO)-<br>DAVANAFURAN                     | Plant         | 1.0     | 6.0      |                        |                   |
| 0                | T-CADINOL   | Plant         | 38.0    | 168.0    | 1.6955853988653122     |                   |
| 0                | ALLO-AROMADENDRENE                                | Plant         | 6.0     | 29.0     | -0.5872710713925303    |                   |
| 0                | SPATHULENOL                                       | Plant         | 44.0    | 197.0    | 0.6721007968117152     |                   |
| 0                | ALCOHOLS  | Essential Oil |         |          |                        |                   |
| 0                | ESTERS  | Essential Oil |         |          |                        |                   |
| 0                | NORDAVANOL  | Plant         |         |          |                        |                   |
| 0                | 5-ACETYL-2-METHYL-2-<br>VINYL-<br>TETRAHYDROFURAN | Plant         |         |          |                        |                   |
| 0                | EO  | Plant         | 1300.0  | 5800.0   | -0.299338873804495     |                   |
| 0                | BICYCLOGERMACRENE                                 | Plant         | 78.0    | 348.0    | 1.345752818964875      |                   |
| 0                | LINALOL   | Plant         | 4.0     | 17.0     | -0.42837179277300536   |                   |
| 0                | 2-METHYL-2-VINYL-5-<br>ETHYL-<br>TETRAHYDROFURAN  | Plant         |         |          |                        | -                 |
| 0                | DEHYDRO-ALPHA-LINALOL                             | Plant         |         |          |                        |                   |
| 0                | BICYCLOELEMENE                                    | Plant         | 4.0     | 17.0     | 1.00000000000000000002 |                   |
| 0                | LILAC-ALDEHYDE                                    | Plant         |         |          |                        |                   |
| 0                | 2-ACETYL-5-METHYL-<br>FURAN                       | Plant         |         |          |                        |                   |
| 0                | DAVANONE  | Plant         |         |          |                        |                   |